What is claimed is:

1. An apparatus for processing an image, comprising:

an interest part input section for the user observing an input image to select an interest part as a part interested in of the input image;

a texture size enhancing unit for magnifying in size the interest part of a texture; and

an enhancing processing unit for carrying out a sharpness enhancing process on the interest part magnified of the texture.

2. An apparatus for processing an image according to claim 1, wherein the sharpness enhancing process is to expand a distribution of a first principal component analysis value computed by analyzing, based on a principal component analysis , a part or entire of the input image by using the enhancing value.

3. An apparatus for processing an image according to claim 1, wherein the sharpness enhancing process is to generate a blurred image the input image is blurred in an entire or part, and further to expand, by using the enhancing degree, a distribution of a high-frequency component of an input image first principal component analysis value computed by the input image principal component analysis value computed by analyzing, based on a principal component analysis, an entire or part of the input image and a blurred image first principal component analysis value computed by analyzing, based on a principal component analysis, the blurred image, to which the blurred image first primary component value is added.

4. An apparatus for processing an image according to claim 1, further comprising an image receiving section for receiving compressed shape data and compressed texture data, a shape data reconstructing unit for reconstructing the compressed shape data,

a texture data reconstructing unit for reconstructing the compressed texture data into an input image, and a mapping unit for mapping the input image or the input image processed by the sharpness enhancing process onto the shape data reconstructed.

5. An apparatus for processing an image according to claim 1, further comprising

a subject information acquiring unit for extracting subject information contained in an input image from the input image;

a display information acquiring unit for acquiring display information representative of a performance of a display for displaying the input image;

an enhancement parameter determining unit for determining an enhancing degree as a parameter for enhancing a sharpness of the input image by using at least one of the subject information and the display information;

a texture size enhancing unit for magnifying in size the interest part of a texture; and

an enhancing processing unit for carrying out a sharpness enhancing process on the interest part magnified of the texture.

6. A method for processing an image, comprising:

a first step for selecting an interest part as a part interested in of the input image;

a second step for magnifying in size the interest part of a texture; and

third step for carrying out a sharpness enhancing process on the interest part magnified of the texture.

7. A method for processing an image according to claim 6, wherein the sharpness enhancing process is to expand a distribution of a first principal component analysis value

computed by analyzing, based on a principal component analysis, a part or entire of the input image by using the enhancing value.

8. A method for processing an image according to claim 6, wherein the sharpness enhancing process is to generate a blurred image the input image is blurred in an entire or part, and further to expand, by using the enhancing degree, a distribution of a high-frequency component of an input image first principal component analysis value computed by the input image first principal component analysis value computed by analyzing, based on a principal component analysis, an entire or part of the input image and a blurred image first principal component analysis value computed by analyzing, based on a principal component analysis, the blurred image, to which the blurred image first principal component analysis value is added.

9. A method for processing an image according to claim 6, further comprising:

a fourth step for receiving compressed shape data and compressed texture data,

a fifth step for reconstructing the compressed shape data,

a sixth step for reconstructing the compressed texture data into an input image; and

a seventh step for mapping the input image or the input image processed by the sharpness enhancing process onto the shape data reconstructed.

10. A method for processing an image according to claim 6, further comprising:

a eighth step for extracting subject information contained in an input image from the input image;

a ninth step for acquiring display information

representative of a performance of a display for displaying the input image;

a tenth step for determining an enhancing degree as a parameter for enhancing a sharpness of the input image by using at least one of the subject information and the display information;

an eleventh step for magnifying in size the interest part of a texture; and

a twelfth step for carrying out a sharpness enhancing process on the interest part magnified of the texture.